

## Refine Search

### Search Results -

Terms	Documents
((pipe or tube or tubular) near5 (furnace or (heat adj exchange\$3))) and ((iron or nickel or chromium) near5 alloy) and (((flut\$3 or spiral or helix or helical) near5 (tube or tubular or pipe)) near10 (inner or inside or interior))	60

Database:

US Pre-Grant Publication Full-Text Database  
 US Patents Full-Text Database  
 US OCR Full-Text Database  
 EPO Abstracts Database  
 JPO Abstracts Database  
 Derwent World Patents Index  
 IBM Technical Disclosure Bulletins

Search:

L19

Refine Search

Recall Text

Clear

Interrupt

### Search History

DATE: Thursday, April 15, 2004   [Printable Copy](#)   [Create Case](#)

<u>Set Name</u>	<u>Query</u>	<u>Hit Count</u>	<u>Set Name result set</u>
<i>DB=PGPB,USPT,USOC,EPAB,JPAB,DWPI; PLUR=YES; OP=OR</i>			
<u>L19</u>	((pipe or tube or tubular) near5 (furnace or (heat adj exchange\$3))) and ((iron or nickel or chromium) near5 alloy) and (((flut\$3 or spiral or helix or helical) near5 (tube or tubular or pipe)) near10 (inner or inside or interior))	60	<u>L19</u>
<u>L18</u>	17 and ((pipe or tube or tubular) near5 (furnace or (heat adj exchange\$3))) and ((iron or nickel or chromium) near5 alloy) and (((flut\$3 or spiral or helix or helical) near5 (tube or tubular or pipe)) near10 (inner or inside or interior))	20	<u>L18</u>
<u>L17</u>	17 and ((pipe or tube or tubular) near5 (furnace or (heat adj exchange\$3))) and ((iron or nickel or chromium) near5 alloy) and ((flut\$3 or spiral or helix or helical) near5 (tube or tubular or pipe))	63	<u>L17</u>
<u>L16</u>	((pipe or tube or tubular) near5 (furnace or (heat adj exchange\$3))) and ((iron or nickel or chromium) near5 alloy) and ((flut\$3 or spiral or helix or helical) near5 (tube or tubular or pipe))	192	<u>L16</u>

<u>L15</u>	17 and ((pipe or tube or tubular) near5 (furnace or (heat adj exchang\$3))) and ((iron or nickel or chromium) near5 alloy) and ((flut\$3 or spiral or helix or helical) near5 (tube or tubular or pipe))	63	<u>L15</u>
<u>L14</u>	17 and ((pipe or tube or tubular) near10 (furnace or (heat adj exchang\$3))) and ((iron or nickel or chromium) near5 alloy) and ((flut\$3 or spiral or helix or helical) near5 (tube or tubular or pipe))	67	<u>L14</u>
<u>L13</u>	17 and ((pipe or tube or tubular) near10 (furnace or (heat adj exchang\$3))) and ((iron or nickel or chromium) near5 alloy) and ((flut\$3 or spiral or helix or helical) near10 (tube or tubular or pipe))	79	<u>L13</u>
<u>L12</u>	17 and ((pipe or tube or tubular) near10 (furnace or (heat adj exchang\$3))) and ((iron or nickel or chromium) near10 alloy) and ((flut\$3 or spiral or helix or helical) near10 (tube or tubular or pipe))	85	<u>L12</u>
<u>L11</u>	17 and ((pipe or tube) near10 (furnace or (heat adj exchang\$3))) and ((iron or nickel or chromium) near10 alloy) and ((flut\$3 or spiral or helix or helical) near10 (tube or pipe))	83	<u>L11</u>
<u>L10</u>	17 and ((pipe or tube) near10 (furnace or (heat adj exchang\$3))) and ((iron or nickel or chromium) near10 alloy) and (flut\$3 or spiral or helix or helical)	170	<u>L10</u>
<u>L9</u>	17 and ((pipe or tube) near10 (furnace or (heat adj exchang\$3))) and ((iron or nickel or chromium) near10 alloy)	1205	<u>L9</u>
<u>L8</u>	17 and ((pipe or tube) near10 (furnace or (heat adj exchang\$3)))	25096	<u>L8</u>
<u>L7</u>	11 or 12 or 13 or 14 or 15 or 16	429579	<u>L7</u>
<u>L6</u>	585/\$.ccls.	46719	<u>L6</u>
<u>L5</u>	72/\$.ccls.	121377	<u>L5</u>
<u>L4</u>	420/\$.ccls.	37880	<u>L4</u>
<u>L3</u>	165/\$.ccls.	97038	<u>L3</u>
<u>L2</u>	48/\$.ccls.	31694	<u>L2</u>
<u>L1</u>	422/\$.ccls.	102952	<u>L1</u>

END OF SEARCH HISTORY

	Type	Hits	Search Text	DBs	Time Stamp
1	IS&R	1911	(422/198).CCLS.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/04/15 13:32
2	IS&R	358	(422/240).CCLS.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/04/15 10:34
3	IS&R	736	(165/179).CCLS.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/04/15 11:06
4	IS&R	511	(585/648).CCLS.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/04/15 11:07
5	IS&R	200	(("0274964") or ("0988569") or ("3566655") or ("3813911") or ("2431632") or ("2637625") or ("2769772") or ("3148031") or ("3155467") or ("3250080") or ("3251652") or ("3350846") or ("3439474") or ("3450500") or ("3849076") or ("3901668") or ("3957534") or ("4313013") or ("2978799") or ("3061093") or ("3118328") or ("3140779") or ("3289451") or ("3422518") or ("3566651") or ("4216575") or ("4658617") or ("4866968") or ("3758294") or ("3833358") or ("3989514") or ("4224062") or	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/04/15 13:33